

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT050918\
 Data File : VT019057.D
 Acq On : 9 May 2018 14:54
 Operator : SY/MD
 Sample : J2736-01
 Misc : 5.14g/5mL/MSVOA T/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 MS-R0166-CONCRETE

Quant Time: May 09 16:32:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 09 04:36:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	802268	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	1504869	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	1253331	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	525885	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
32) 1,2-Dichloroethane-d4	7.80	65	378559	49.71	ug/l	0.00
Spiked Amount			Recovery	=	99.42%	
34) Dibromofluoromethane	7.35	113	27072	3.21	ug/l	0.00
Spiked Amount			Recovery	=	6.42%	
49) Toluene-d8	9.91	98	1534891	42.46	ug/l	0.01
Spiked Amount			Recovery	=	84.92%	
61) 4-Bromofluorobenzene	12.22	95	556950	40.92	ug/l	0.00
Spiked Amount			Recovery	=	81.84%	

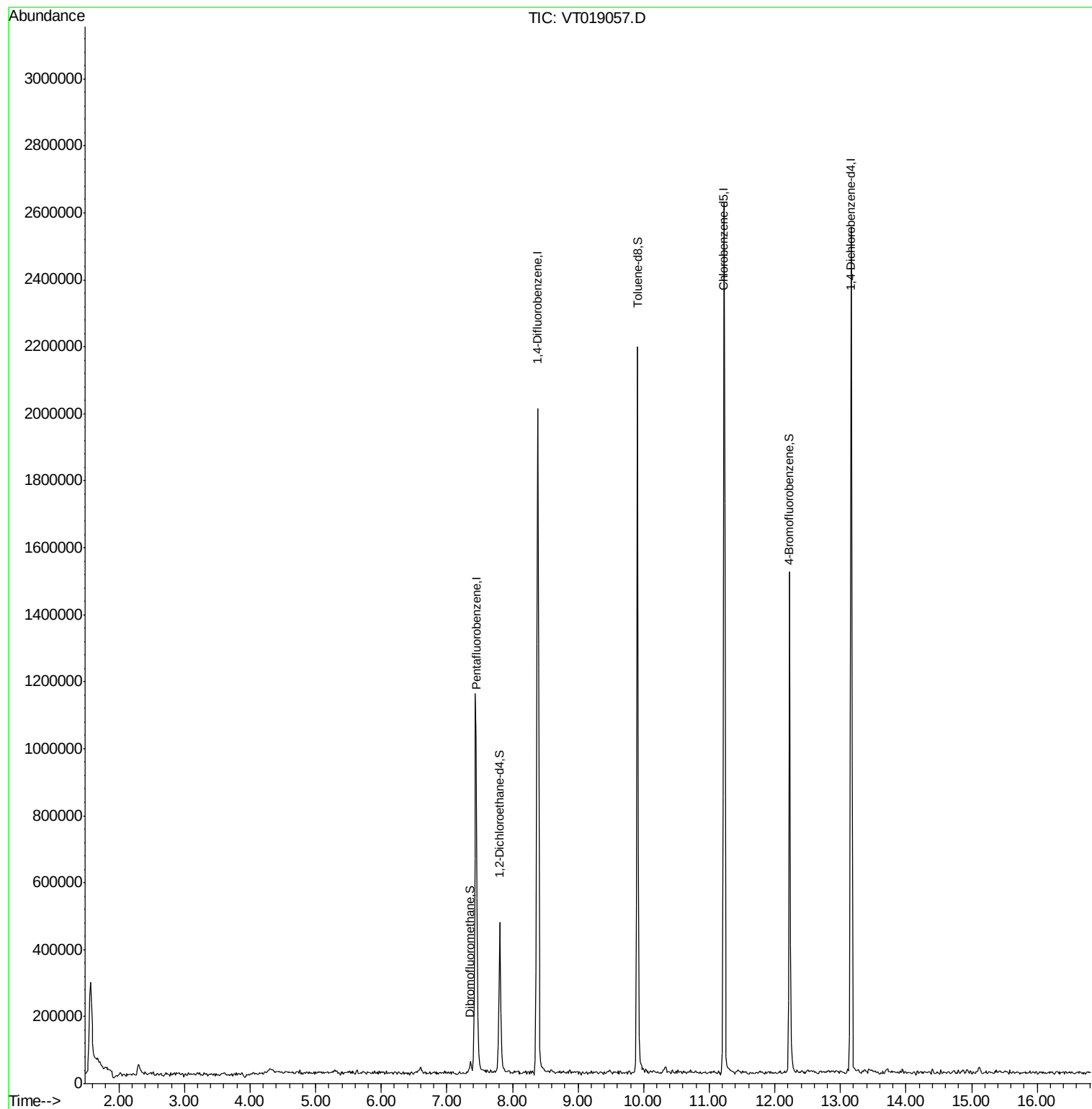
Target Compounds	Qvalue
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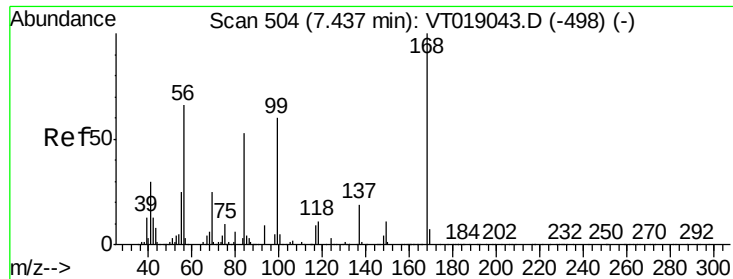
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 09 04:36:54 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.01 min

Lab File: VT019057.D

Acq: 9 May 2018 14:54

Instrument :

MSVOA_T

ClientSampleId :

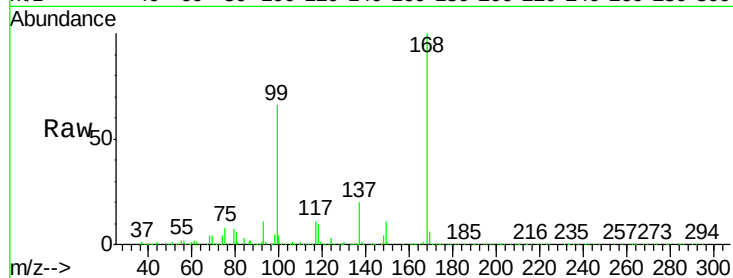
MS-R0166-CONCRETE

Tot Ion:168 Resp: 802268

Ion Ratio Lower Upper

168 100

99 66.4 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.45

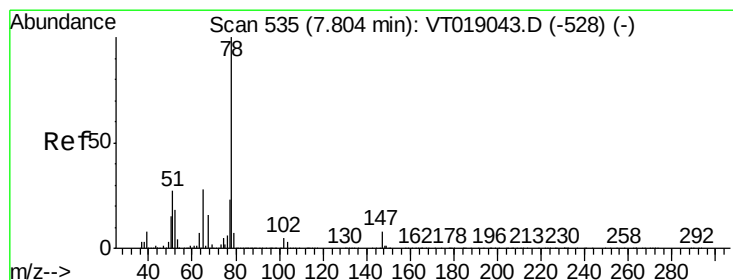
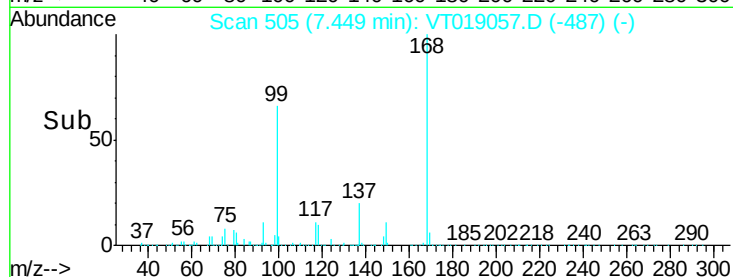
300000

200000

100000

0

Time-->



#32

1,2-Dichloroethane-d4

Concen: 49.71 ug/l

RT: 7.80 min Scan# 535

Delta R.T. 0.00 min

Lab File: VT019057.D

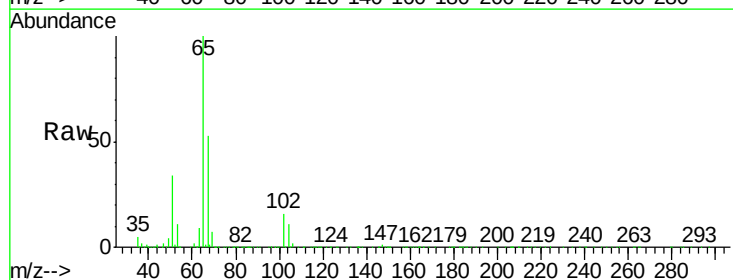
Acq: 9 May 2018 14:54

Tgt Ion: 65 Resp: 378559

Ion Ratio Lower Upper

65 100

67 53.4 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0

7.80

200000

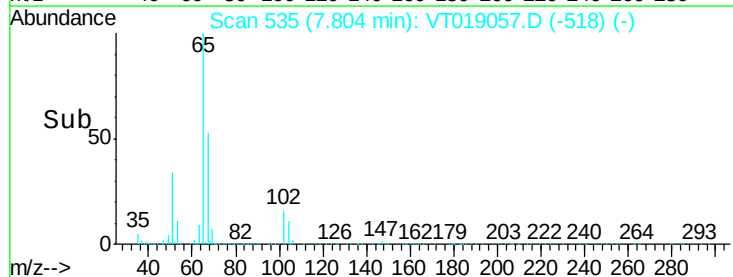
150000

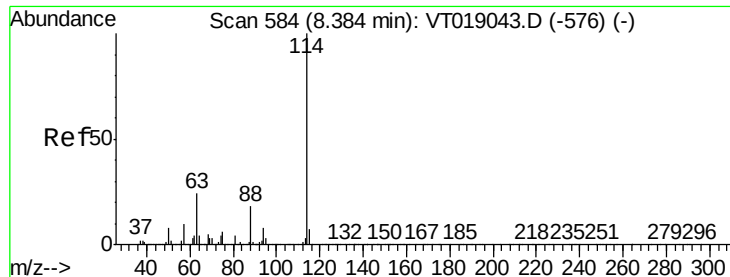
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50000

0

Time-->

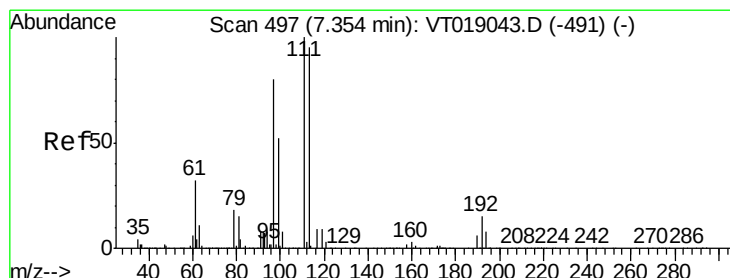
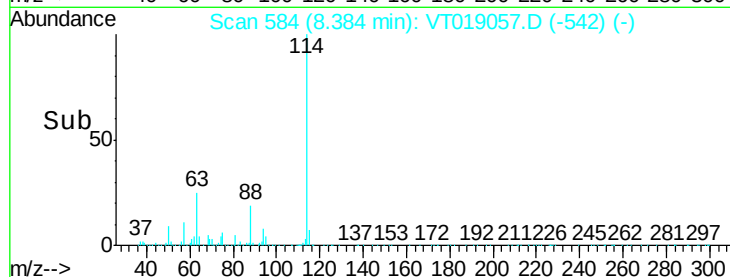
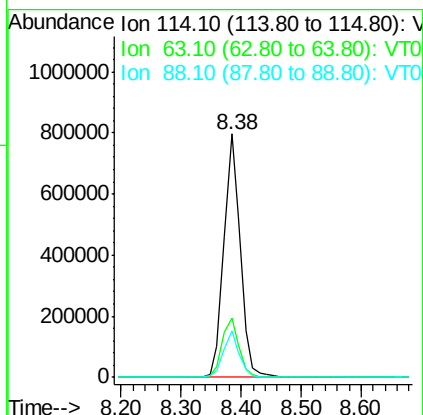
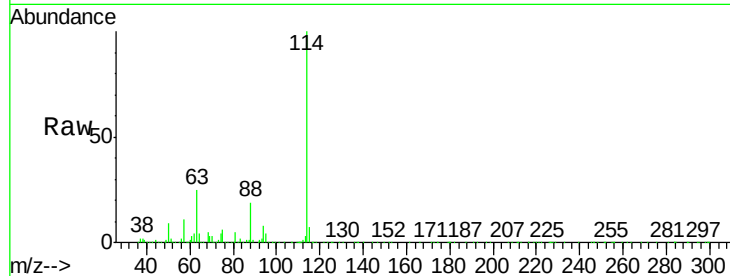




#33
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.38 min Scan# 584
 Delta R.T. 0.00 min
 Lab File: VT019057.D
 Acq: 9 May 2018 14:54

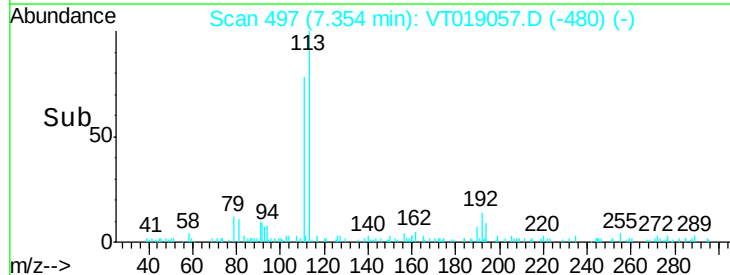
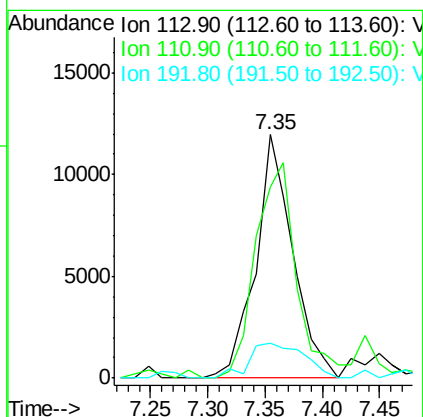
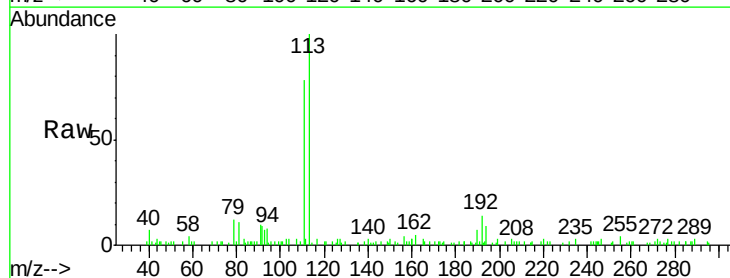
Instrument :
 MSVOA_T
 ClientSampleId :
 MS-R0166-CONCRETE

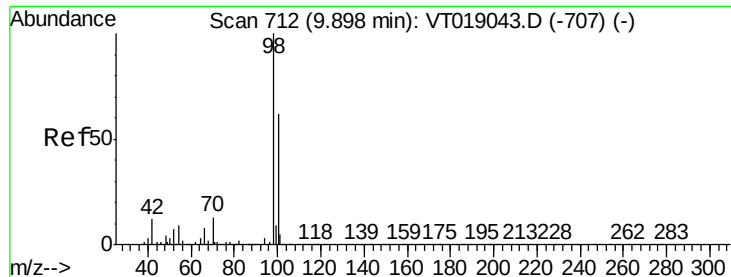
Tot Ion:114 Resp: 1504869
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 48.8
 88 19.2 0.0 37.0



#34
 Dibromofluoromethane
 Concen: 3.21 ug/l
 RT: 7.35 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VT019057.D
 Acq: 9 May 2018 14:54

Tgt Ion:113 Resp: 27072
 Ion Ratio Lower Upper
 113 100
 111 78.4 84.0 126.0#
 192 14.3 12.9 19.3





#49

Toluene-d8

Concen: 42.46 ug/l

RT: 9.91 min Scan# 713

Delta R.T. 0.01 min

Lab File: VT019057.D

Acq: 9 May 2018 14:54

Instrument :

MSVOA_T

ClientSampleId :

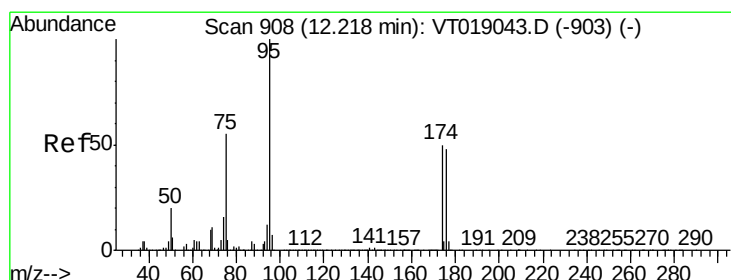
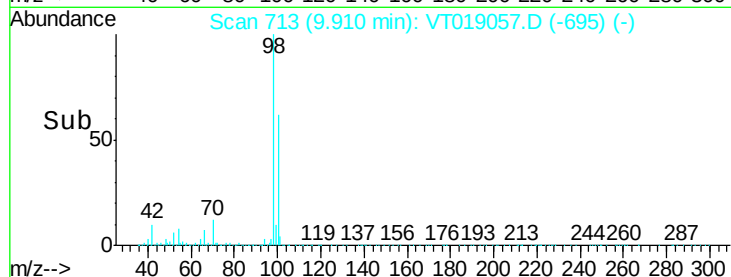
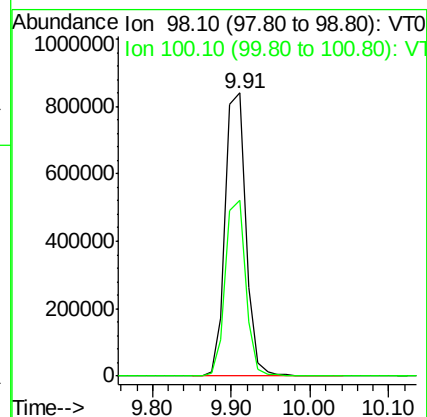
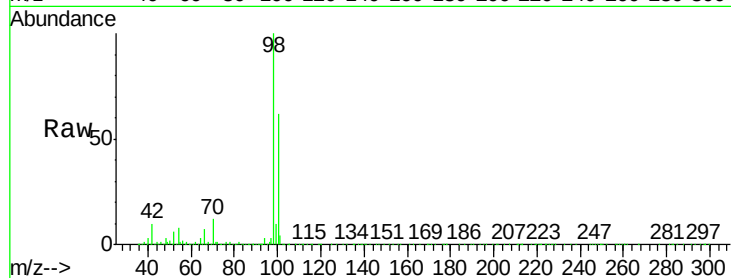
MS-R0166-CONCRETE

Tot Ion: 98 Resp: 1534891

Ion Ratio Lower Upper

98 100

100 62.3 50.0 75.0



#61

4-Bromofluorobenzene

Concen: 40.92 ug/l

RT: 12.22 min Scan# 908

Delta R.T. 0.00 min

Lab File: VT019057.D

Acq: 9 May 2018 14:54

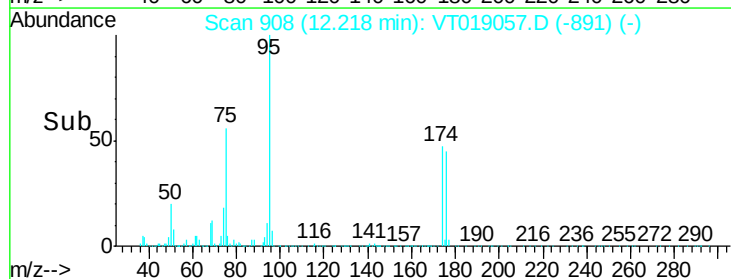
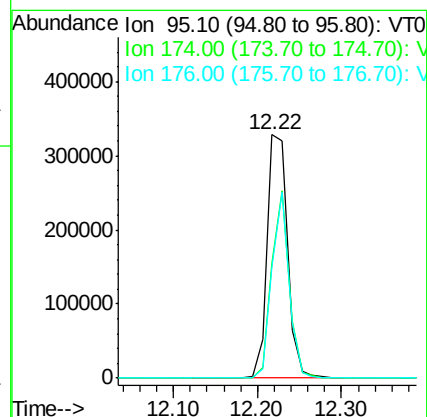
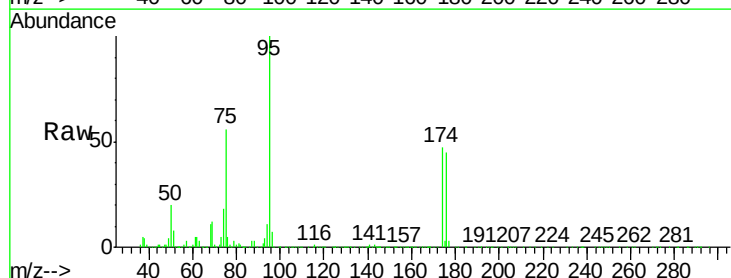
Tgt Ion: 95 Resp: 556950

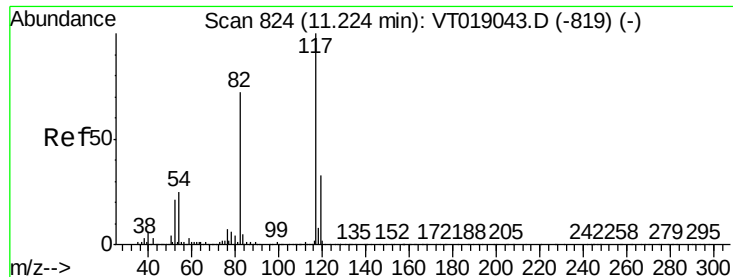
Ion Ratio Lower Upper

95 100

174 46.9 0.0 100.0

176 45.3 0.0 96.6

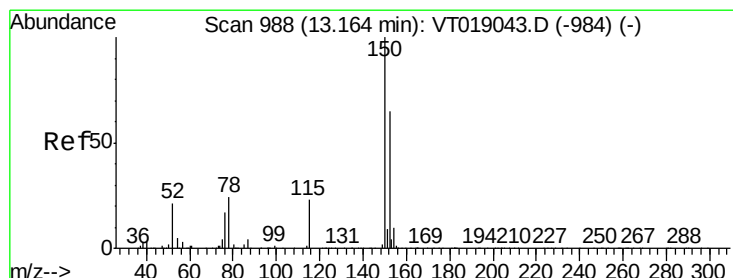
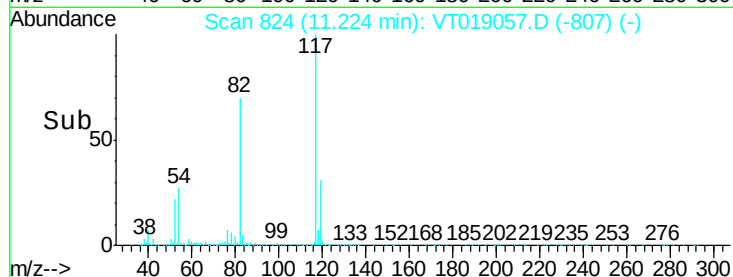
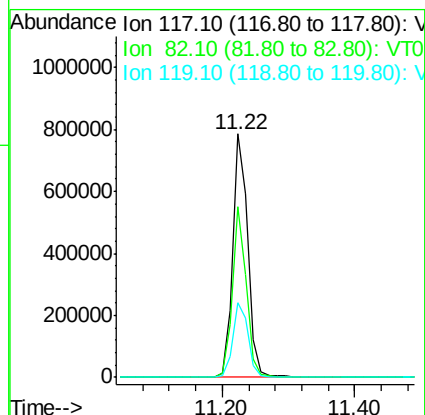
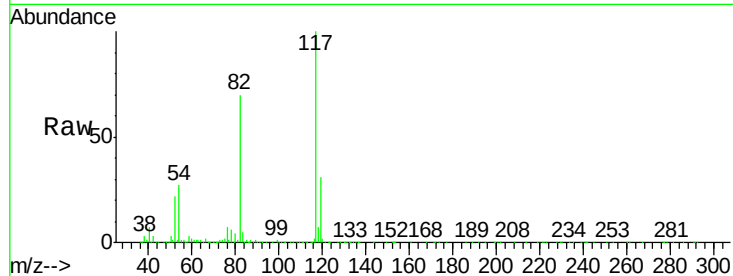




#62
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.22 min Scan# 824
Delta R.T. 0.00 min
Lab File: VT019057.D
Acq: 9 May 2018 14:54

Instrument :
MSVOA_T
ClientSampleId :
MS-R0166-CONCRETE

Tot Ion:117 Resp: 1253331
Ion Ratio Lower Upper
117 100
82 69.8 57.6 86.4
119 30.9 26.6 40.0



#71
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.16 min Scan# 988
Delta R.T. 0.00 min
Lab File: VT019057.D
Acq: 9 May 2018 14:54

Tgt Ion:152 Resp: 525885
Ion Ratio Lower Upper
152 100
115 73.4 34.2 102.6
150 157.4 0.0 321.2

